



SOLID WASTE OPERATIONS REPORT

June, July, August, 2006

September 27, 2006 TMC Meeting

PLANT:

- In June a total of 32,905 megawatts were sold.
- There were five diversions in June.
- Boiler availability was 84.94%

- In July a total of 40,445 megawatts were sold.
- There were six diversions in July.
- Boiler availability was 92.16%

- In August a total of 39,056 megawatts were sold.
- There was one diversion in August.
- Boiler availability was 93.44%

LANDFILL:

- The Class III excavation is complete. Final grading is underway. We have completed the work of moving a waterline that was interfering with the work. The area will be opened when the existing fill area is brought to elevation.
- Onyx continues to clean the ditches and canals.
- We are removing pepper trees and scrub vegetation along our west property line. Landscaping will be planted in this area. Vegetative clearing is continuing at the Sod Farm.
- Continuing to transport dirt from the Sod Farm to the Toytown Landfill to continue the regrading project.
- Landfill contractor is constructing a berm atop the east edge of Class I to prevent storm runoff down the side of the slope.

SYSTEM PERFORMANCE SUMMMARY:

	<u>June 2006</u>	<u>July 2006</u>	<u>August 2006</u>
Tons to Plant	72,770	80,432	87,809
Total Landfilled	<u>33,091</u>	<u>22,006</u>	<u>12,725</u>
Total System Tons	105,861	102,438	100,534

HEC₃ & MOBILE COLLECTIONS:

- In June we had 1,422 HEC₃ participants and 182 Haz-to-Go participants.
- In July we had 1,319 HEC₃ participants.
- There were no Mobile Collections in June or July.
- In August we had 1,242 HEC₃ participants and 25 Haz-to-Go participants.
- Mobile collections have started for this season and Largo Solid Waste had 535 participants on Sept 9th. The next event will be held at the City of Gulfport on September 15th. The next mobile collection is scheduled for September 23, 2006.

CURRENT ACTIVITIES & ISSUES:

- The revisions to Code 106 were approved at the June 20, 2006 BCC meeting.
- The Beach Recycling Grant Pilot Program is completed with very good results. During the four-month pilot program, 4,841 lbs of recyclables were collected from the three pilot locations at Redington Shores, Treasure Island and St. Pete Beach. Based on the waste composition study, diversion rates approached 70%. A user survey conducted at all three beach locations indicated strong support and participation, with 96.8% of those surveyed indicating that they would like to see the program become a permanent program. Continuation and/or expansion of the program is still under consideration.
- We finally received our Intent to Issue from DEP for our permit modifications for the landfill height increase.
- The BCC approved the tax roll for the Lealman MSBU on September 7th, thus completing the process to initiate franchised collection for this district.
- We are continuing to work to fill our vacant three senior management positions.

CAPITAL IMPROVEMENT PROJECTS:

- Construction continues on three new buildings as part of our facilities Master Plan. They are nearing completion with some final punch list items remaining.
- The contract for construction of the new HEC₃ facility is currently out for bid.
- The project to dredge Pond "A" and the project to stabilize the banks of the pond are being finalized.
- The new hand-unload facility is being prepared for bidding.
- Construction of our new main lift station is nearing completion.
- The SCADA system for our site continues to be implemented.
- The investigation and design of the refurbishment of the underdrain at the Toytown Landfill continues.

- The bid for the new scales was awarded and work has begun. The temporary scale is installed and we expect to have the temporary scale connected and interfaced by late September. At that point we can begin removal and replacement of the scales, one at a time. We have notified our customers and will continue communications during this construction specifically on what scales will be closed and with traffic routing changes.
- The permit for moving the slurry wall along 118th Avenue to accommodate the FDOT roadway project is being submitted. Construction is anticipated to begin next spring.
- We are initiating the following new capital projects:
 1. Design and construction of improvements to the gradient system at BWA.
 2. Design and construction of a new water treatment facility to treat Pond “A” water.
 3. Design and installation of wells (within our liner system) to augment our water supply during dry conditions.

WASTE-TO-ENERGY FACILITY OPERATOR PROCUREMENT PROCESS:

- During the month of October, we will be inspecting and upgrading Turbine/Generator No. 1. The work is anticipated to last about one month. During this time, at least one boiler will be off-line. Expect frequent diversions of waste to the landfill during this period.
- We have completed the third round of discussions with the three qualified vendors for this project. The BCC authorized issuance of the final RFP at their meeting on September 7th, which will be advertised on September 15, 2006. The final selection of a Contractor to operate and maintain the WTE facility will occur in January, 2007.
- Qualification statements for a [procurement](#) services contract for the WTE facility were received September 5th.

RECYCLING/WASTE REDUCTION:

- During June, 40 students and 49 adults attended facility tours; 43 students and 52 adults received presentations.
- We staffed exhibits at three events in June:
 - Recycle Florida Today’s Annual Conference in St. Pete Beach.
 - Pinellas Living Green Expo in St. Petersburg.
 - Van’s Warped Tour in St. Petersburg. In addition to educational material, SWO staff coordinated recycling at this event, which drew in excess of 10,000 attendees. We received assistance from volunteers and collected 720 pounds of plastic bottles, 80 pounds of aluminum cans, and 60 pounds of cardboard.
- In July, 19 students and 35 adults attended facility tours; 62 students and 72 adults received presentations. In addition to regular presentations, a presentation about the

school recycling programs was given at “Character Camp” for Pinellas County teachers at the Gus Stavros Institute.

- During August, 10 students and 15 adults attended facility tours; 26 students and 76 adults received presentations. In addition to regular presentations, a presentation about free educational resources provided by Utilities was given during the (mandatory) Secondary Science Teacher Workshop for Pinellas County public school teachers. This presentation kicked off our latest additions to the Utilities web site:
 - Just for Teachers: <http://www.pinellascounty.org/utilities/teachers/>
 - Just for Kids: <http://www.pinellascounty.org/utilities/kids/>
- During August we staffed an exhibit at the Pinellas Council of Parent Teacher Associations (PTAs) to promote our education programs.
- Conservation Resources Department is funding the production of a new educational video for all ages, entitled “No Such Place as Away”, by Spectrum Productions. It is a virtual tour of where garbage goes, when it is thrown “away”, and it will include footage of all aspects of Solid Waste Operations, plus collection (thanks to St. Petersburg’s Sanitation Department), and the processing of recyclables (thanks to Clearwater’s Materials Recovery Facility and other private operations). This video will be distributed to classrooms and made available in October upon request.
- Upcoming Events:
 - October 28, 2006: Pinellas Recycles Day at Heritage Village (Largo), including “Create-A-Critter” children’s activity and recycling information
 - November 15, 2006: Great American Teach-In and “America Recycles Day”, an opportunity to present information in classrooms throughout the county

Recycling Sub-Committee

- Please see the attached memo for Recycling Grant Recommendations.
- The sub-committee’s next meeting will be Thursday, October 12th from 9:30 -11:00 am.

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